

ABSTRACT OF THE DISCLOSURE

In an apparatus for pneumatically feeding at least one  
5 spinning preparation machine, for example a carding machine  
or cleaner, by means of fibre-flock charging shafts, which  
are located upstream of the individual spinning preparation  
machines and which are connected to a pneumatic fibre-  
transporting line, the transporting line being connected by  
10 way of a fibre material feed fan to the fibre-processing  
machine located upstream, automatic modification of the  
volumetric air flow (amount of air) is arranged to be  
carried out.

In order to keep the volumetric flow for the conveying  
15 of fibre material substantially or completely constant in  
spite of different charging pressures at at least one fibre  
material shaft, for different charging pressures in at  
least one fibre-flock charging shaft a set of  
characteristic curves describing the volumetric air flow in  
20 dependence upon the pressure difference at the fan is  
stored in a characteristic curve set element, a measurement  
signal for the actual pressure difference at the fan and  
also the values relating to the actual speed of rotation of  
the fan are arranged to be ascertained in a computer unit,  
25 the computer unit is able to determine the actual value of  
the volumetric air flow from the set of characteristic

curves and, in the event of departure from a desired value for the volumetric air flow, the operating point for the speed of rotation of the fan is arranged to be displaced to the desired value for the volumetric air flow.